

PATENT
Attorney Docket No.: PHAN-00100

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	Group Art Unit:
)	
James Hobart <i>et al.</i>)	Examiner:
)	
Serial No.: 09/018,104)	
)	
Filed: February 2, 1998)	TRANSMITTAL LETTER
)	
For: DUAL MODE LASER DELIVERY)	260 Sheridan Avenue, Suite 420
SYSTEM PROVIDING)	Palo Alto, CA 94306
CONTROLLABLE DEPTH OF)	(650) 833-0160
TISSUE ABLATION AND)	
CORRESPONDING)	
CONTROLLABLE DEPTH OF)	
COAGULATION)	
)	

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Enclosed please find an Information Disclosure Statement and Form PTO-1449, including copies of the references contained thereon, for filing in the U.S. Patent and Trademark Office.

The Commissioner is hereby authorized to charge any additional fee or credit overpayment to our Deposit Account No. 08-1275. **An originally executed duplicate of this transmittal is enclosed for this purpose.**

Respectfully submitted,
HAVERSTOCK & OWENS LLP

Dated: 6-3-98

By: Thomas B. Haverstock
Thomas B. Haverstock
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Attorneys for Applicants



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In re Application of:

James Hobart *et al.*

Serial No.: 09/018,104

Filed: February 2, 1998

For: **DUAL MODE LASER DELIVERY
SYSTEM PROVIDING
CONTROLLABLE DEPTH OF
TISSUE ABLATION AND
CORRESPONDING
CONTROLLABLE DEPTH OF
COAGULATION**

) Group Art Unit:

) Examiner:

) **INFORMATION DISCLOSURE
STATEMENT**

) 260 Sheridan Avenue, Suite 420
) Palo Alto, California 94306
) (650)833-0160

Assistant Commissioner of Patents
Washington, D.C. 20231

Sir:

The citations listed below, copies attached, may be material to the examination of the above-identified application, and are therefore submitted in compliance with the duty of disclosure defined in 37 C.F.R. §§ 1.56 and 1.97. The Examiner is requested to make these citations of official record in this application.

Applicant has become aware of the following printed publications which may be material to the examination of this application:

- U.S. Patent 5,405,368;

- U.S. Patent 5,474,549;
- U.S. Patent 5,620,478;
- U.S. Patent 5,626,631;
- U.S. Patent 5,643,334;
- U.S. Patent 5,655,547;
- U.S. Patent 5,659,563;
- Kaufmann *et al.* , "Pulsed Er:YAG- and 308 nm UV-Excimer Laser: An in Vitro and In Vivo Study of Skin-Ablative Effects", Lasers in Surgery and Medicine, Volume 9, 1989, p.132-140, US;
- Zweig *et al.*, "A Comparative Study of Laser Tissue Interaction at 2.94 μm and 10.6 μm ", Applied Physics B, Volume 47, 1988, p.259-265, US;
- Burkhardt *et al.*, "Are More Passes Better? Safety versus Efficacy with the Pulsed CO₂ Laser", Plastic and Reconstructive Surgery, Volume 100, No. 6, November 1997, p.1531-1534, US;
- Kaufmann *et al.*, "Cutting and Skin-Ablative Properties of Pulsed Mid-Infrared Laser Surgery", J Dermatol Surg Oncol, Volue 20, 1994, p. 112-118, US;
- Walsh *et al.*, "Er:YAG Laser Ablation of Tissue: Measurement of Ablation Rates", Lasers in Surgery and Medicine, Volume 9, 1989, p. 327-337, US;
- Walsh *et al.*, "Er:YAG Laser Ablation of Tissue: Effect of Pulse Duration and Tissue Type on Thermal Damage", Lasers in Surgery and Medicine, Volume 9, 1989, p.314-326, US;
- Kaufmann *et al.*, "Pulsed 2.94- μm erbium-YAG laser skin ablation- Experimental results and first clinical application", Clinical and Experimental Dermatology, Volume 15, 1990, p.389-393, US;
- Hohenleutner *et al.*, "Fast and Effective Skin Ablation With an Er:YAG Laser: Determination of Ablation Rates and Thermal Damage Zones", Lasers in Surgery and Medicine, Volume 20, 1997, p. 242-247, US;

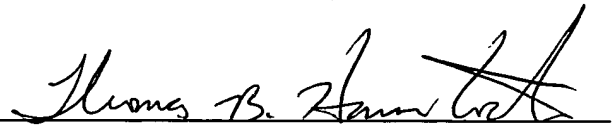
- Hibst *et al.*, "Effects of Laser Parameters on Pulsed Er-YAG Laser Skin Ablation", Lasers in Medical Science, Volume 6, 1991, p.391-397, US;
- Drnovsek-Olup *et al.*, "Use of Er:YAG Laser for Benign Skin Disorders", Lasers in Surgery and Medicine, Volume 21, 1997, p.13-19, US;
- Herdman *et al.*, "An in vitro comparison of the Erbium:YAG laser and the carbon dioxide laser in laryngeal surgery", The Journal of Laryngology and Otology, Volume 107, 1993, p.908-911, US;
- Walsh *et al.*, "Pulsed CO₂ Laser Tissue Ablation: Measurement of the Ablation Rate", Lasers in Surgery and Medicine, Volume 8, 1988, p.264-275, US;
- Walsh *et al.*, "Effect of Tissue Type and Pulse Duration on Thermal Damage", Lasers in Surgery and Medicine, Volume 8, 1988, p.108-118, US;
- Walsh *et al.*, "Pulsed CO₂ Laser Ablation of Tissue: Effect of Mechanical Properties", Transactions on Biomedical Engineering, Volume 36, December 1989, p.1195-1201, US;
- Ross *et al.*, "Effects of Heterogeneous Absorption of Laser Radiation in Biotissue Ablation: Characterization of Ablation of Fat With a Pulsed CO₂ Laser", Lasers in Surgery and Medicine, Volume 21, 1997, p.59-64, US; and
- Sabbagh, "Erbium Laser Gaining Popularity for Cosmetic Applications", Medical Laser Report, November 1996, p.2-3, US.

This Information Disclosure Statement under 37 C.F.R. §§ 1.56 and 1.97 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that anyone or more of these citations constitutes prior art.

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